

Focus Area 15: Injury and Violence Prevention

Objective 15-5 calls for reduction in the hospitalization rate for nonfatal firearm-related injuries admitted via emergency room (ER) to 8.6 per 100,000 population.

Hospital discharge data indicate a non-significant trend in rates among California residents who were admitted via the ER with a principal diagnosis of nonfatal firearm-related injury (Figure 15-5, Table 15-5). Rates varied from a low of 10.7 per 100,000 in 2001 to a high of 12.4 per 100,000 population in 2005. These rates are significantly higher than the HP2010 target, and this objective has not yet been achieved for the total population (all races, both sexes).

The nonfatal firearm-related injury hospitalization rate for males (22.1 per 100,000 in 2005) was ten times greater than the rate for females (2.2 per 100,000 in 2005). This HP2010 objective is being achieved for females but not for males as of 2005, with no significant trends found for either gender.

Firearm-related injury hospitalization rates among males aged 15-24 (80.1 per 100,000 in 2005) was nine times greater than the HP2010 objective of 8.6 per 100,000 population, with no significant trend between 2000-2005.

Examined by race and ethnicity, the highest nonfatal firearm-related injury hospitalization rates were found for Blacks/African Americans (56.2 per 100,000 in 2005, with no significant trend), followed by Hispanics/Latinos (13.6 per 100,000 in 2005, with no significant trend). Hospitalization rates for American Indians/Alaska Natives were unreliable due to the small number of events and are not reported here. This HP2010 objective is being achieved for Whites (although rates have increased significantly from 4.4 per 100,000 in 2000 to 4.9 per 100,000 in 2005) and for Asians/Pacific Islanders (3.7 per 100,000 in 2005, with no significant trend).

For more information on nonfatal firearm-related injuries, visit the CDHS Chronic Diseases and Injury Control (CDIC) Web site at: <http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) Web site at: <http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-5, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-5
Nonfatal Firearm-Related Injury Hospitalization Rates
California, 2000-2005

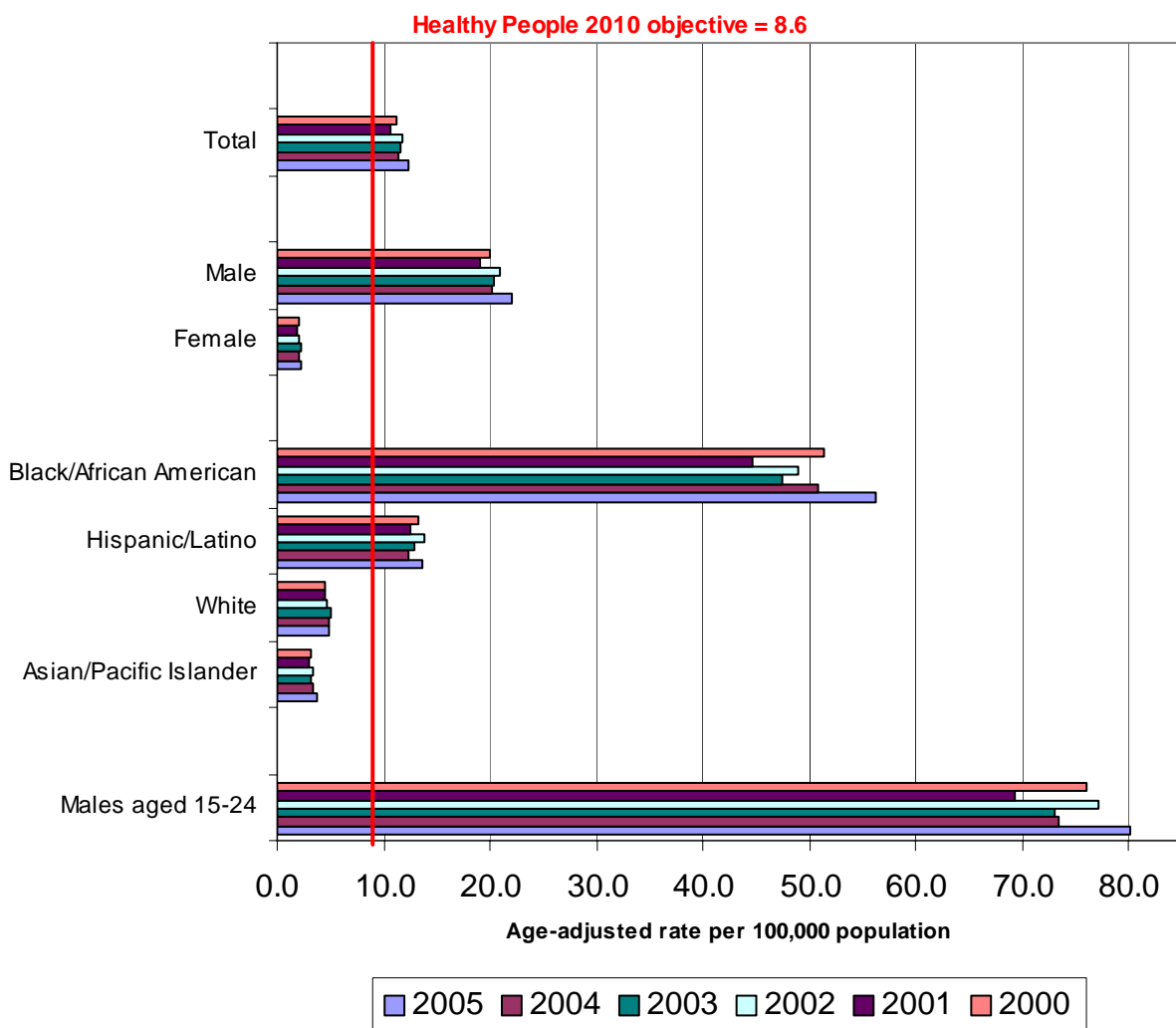


Table 15-5: Nonfatal Firearm-Related Injury Hospitalizations Admitted Via Emergency Room, California 2000-2005

Objective 15-5	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		8.6				8.6		
Statewide Total	3,987	11.3	10.9	11.6	3,858	10.7	10.4	11.0
Race-Ethnicity								
American Indian/Alaska Native	6	DSU	-----	-----	7	DSU	-----	-----
Asian/Pacific Islander	134	3.2	2.7	3.8	126	3.0	2.5	3.5
Black/African American	1,211	51.4	48.5	54.3	1,080	44.6	42.0	47.3
Hispanic/Latino	1,801	13.3	12.7	14.0	1,764	12.6	12.0	13.2
White	671	4.4	4.1	4.7	681	4.5	4.2	4.8
Gender								
Female	349	2.0	1.8	2.2	326	1.9	1.7	2.1
Male	3,638	20.0	19.3	20.6	3,532	19.1	18.5	19.7
Selected Populations²								
Males aged 15-24	1,924	76.0	72.6	79.4	1,792	69.3	66.1	72.5

Objective 15-5	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		8.6				8.6		
Statewide Total	4,306	11.8	11.4	12.1	4,257	11.5	11.1	11.8
Race-Ethnicity								
American Indian/Alaska Native	9	DSU	-----	-----	12	DSU	-----	-----
Asian/Pacific Islander	143	3.3	2.8	3.9	131	3.1	2.6	3.7
Black/African American	1,217	49.0	46.3	51.8	1,214	47.4	44.7	50.0
Hispanic/Latino	1,998	13.8	13.2	14.4	1,923	12.8	12.2	13.4
White	710	4.7	4.4	5.1	747	5.0	4.7	5.4
Gender								
Female	358	2.0	1.8	2.2	389	2.2	2.0	2.4
Male	3,948	21.0	20.3	21.7	3,868	20.3	19.7	21.0
Selected Populations²								
Males aged 15-24	2,031	77.2	73.8	80.5	1,966	73.0	69.8	76.3

Objective 15-5	2004		Lower	Upper	2005		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		8.6				8.6		
Statewide Total	4,295	11.4	11.1	11.8	4,737	12.4	12.0	12.8
Race-Ethnicity								
American Indian/Alaska Native	6	DSU	-----	-----	7	DSU	-----	-----
Asian/Pacific Islander	149	3.4	2.9	4.0	162	3.7	3.1	4.2
Black/African American	1,331	50.9	48.1	53.6	1,494	56.2	53.3	59.0
Hispanic/Latino	1,910	12.3	11.8	12.9	2,149	13.6	13.0	14.2
White	710	4.8	4.5	5.2	725	4.9	4.5	5.3
Gender								
Female	379	2.1	1.9	2.3	398	2.2	1.9	2.4
Male	3,916	20.2	19.6	20.9	4,339	22.1	21.4	22.7
Selected Populations²								
Males aged 15-24	2,024	73.4	70.2	76.6	2,264	80.1	76.8	83.4

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2005;

CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

Notes: * ICD-9-CM codes E922.0-E922.9, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4; Principal E-code plus four Other E-codes; patient admitted through emergency room (ER).

¹ Rate per 100,000 population, age-adjusted using the 2000 US Standard Population.

² Age- and sex-specific rate per 100,000 population.